

Science - Year 3

Forces and Magnets – Block 3FM

Amazing Magnets

Session 6

Resource Pack

Name or Names

Quiz on Forces and Magnetism



Question number	Answer
1	
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Forces and Magnets Quiz Answers

Question number	Answer
1	C
2	A
3	A
4	C
5	A
6	B
7	B
8	C
9	C
10	D
11	C
12	B
13	B
14	C
15	A
16	C
17	A
18	B

Session 6 Teachers' Notes

Assessment

The Quiz PowerPoint will give you the opportunity to assess children's knowledge and understanding of the learning throughout this block. If you wish to use it as an assessment activity, give the children individual quiz sheets and ask them not to discuss their answers with one another. It is suggested that each question is read aloud including the choices of answer since the assessment is of the child's scientific knowledge and not their reading ability. If you do not wish the quiz to form part of an assessment, the children could participate in pairs to stimulate discussion around the questions and answers. If this is the case, give out one answer sheet between two children. At the end of the quiz, collect the papers in to mark later if you are doing an assessment (an answer sheet is provided in the session resources), but if not, show the answers PowerPoint so children can mark their own or swap and mark – this will help to reinforce the learning of the block.

Science Fair Outcome

The motivation for this block has been to help a fictitious Mr Andrew Newton of the British Scientific Society (also fictitious) by developing some exciting activities on magnetism for their annual science fair. The children's exhibits, including signs, questions and answers will need to be photographed by the teacher to send to him. This means that the finished exhibits can be used by you as a shared learning opportunity. Consider staging your own science fair on the theme of magnetism for parents, carers and other classes, or you could use the activities as stalls at a fund raising fair or fete. The children will enjoy an opportunity to share their learning and in doing so further embed the scientific principles involved. Remember to send some photos for the Hamilton Blog as we love to see the amazing way that pupils and teachers embrace the learning. Your photos will also inspire other teachers to have a go!

Two Stars and a Wish

The plenary activity encourages the children to give each other feedback having road tested their activities and challenges. Two Stars and a Wish is a simple and well used way of encouraging the children to give kind and constructive feedback to one another. The two stars are positive points of feedback, e.g.

- *Your task was fun*
- *Your pond creatures were really cool*
- *I liked your idea to use the timer*
- *It was exciting to race*

The wish is one point for improvement, e.g.

- *You could make a few more boats as they got a bit soggy*
- *It might be better if you had a few more coins that are not magnetic in your set*

Constructive criticism is easier for children to take on board when it comes after two points of praise have been made. Once your children are used to giving feedback in this way, you will find it useful in many other learning settings.